

JC525 U.S. PTO  
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PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. CL1259 US CNT1

First Inventor ZHI-YUAN SHEN

Title HIGH TEMPERATURE SUPERCONDUCTOR MINI-FILTERS AND  
MINI-MULTIPLEXERS WITH SELF-RESONANT SPIRAL  
RESONATORS

Express Mail Label No. ET931353815US

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 31] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R &amp; D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 18]</p> <p>5. Oath or Declaration [Total Pages 1] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>		<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies</p>	
<b>ACCOMPANYING APPLICATIONS PARTS</b>			
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p>			

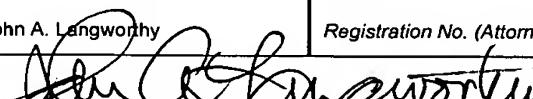
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application No: 09 / 592,466

Prior application information: Examiner LEE, B. Group / Art Unit: 2817

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		 <b>23906</b> <small>PATENT TRADEMARK OFFICE</small>		or <input type="checkbox"/> Correspondence address below	
Name					
Address					
City		State		Zip Code	
Country		Telephone		Fax	
Name (Print/Type)	John A. Langworthy		Registration No. (Attorney/Agent)	32,255	
Signature			Date	17 January 2002	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 740)

Complete if Known

Application Number	unknown
Filing Date	January 17, 2002
First Named Inventor	Shen et al.
Examiner Name	Lee, B. (of Parent)
Group / Art Unit	2817 (of Parent)
Attorney Docket No.	CL1259 US CNT1

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None Deposit Account:

Deposit Account Number

04-1928

Deposit Account Name

E. I. du Pont de Nemours and Company

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	Fee (\$)
101	201	740	370
106	206	330	165
107	207	510	255
108	208	740	370
114	214	160	80
SUBTOTAL (1)		(\$ 740)	

## 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
17	2		-20	= 0	x 18 = 0
			-3	= 0	x 84 = 0
				x 280	= 0

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	Fee (\$)
103	203	18 9
102	202	84 42
104	204	280 140
109	209	84 42
110	210	18 9
SUBTOTAL (2)		(\$ 0)

\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	Fee (\$)
105	205	130 65	Surcharge - late filing fee or oath
127	227	50 25	Surcharge - late provisional filing fee or cover sheet
139	139	130 130	Non-English specification
147	147	2,520 2,520	For filing a request for reexamination
112	112	920* 920*	Requesting publication of SIR prior to Examiner action
113	113	1,840* 1,840*	Requesting publication of SIR after Examiner action
115	215	110 55	Extension for reply within first month
116	216	400 200	Extension for reply within second month
117	217	920 460	Extension for reply within third month
118	218	1,440 720	Extension for reply within fourth month
128	228	1,960 980	Extension for reply within fifth month
119	219	320 160	Notice of Appeal
120	220	320 160	Filing a brief in support of an appeal
121	221	280 140	Request for oral hearing
138	138	1,510 1,510	Petition to institute a public use proceeding
140	240	110 55	Petition to revive - unavoidable
141	241	1,280 640	Petition to revive - unintentional
142	242	1,280 640	Utility issue fee (or reissue)
143	243	460 230	Design issue fee
144	244	620 310	Plant issue fee
122	122	130 130	Petitions to the Commissioner
123	123	50 50	Processing fee under 37 CFR 1.17(q)
126	126	180 180	Submission of Information Disclosure Stmt
581	581	40 40	Recording each patent assignment per property (times number of properties)
146	246	740 370	Filing a submission after final rejection (37 CFR § 1.129(a))
149	249	740 370	For each additional invention to be examined (37 CFR § 1.129(b))
179	279	740 370	Request for Continued Examination (RCE)
169	169	900 900	Request for expedited examination of a design application
Other fee (specify)			

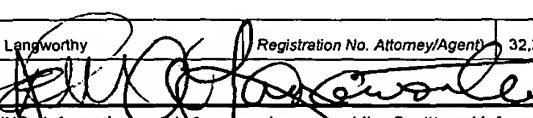
\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	John A. Langworthy	Registration No. Attorney/Agent	32,255	Telephone	302-992-4362
Signature					

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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